
AMBULATORY SURGICAL CENTER 担 1999 INDIANA UTILIZATION REPORT

Table of Contents

[Introduction](#)

[Characteristics of Ambulatory Surgical Centers](#)

[Annual Utilization Statistics](#)

[Outcome from Surgery](#)

[Table A - Summary of Key Resources and Utilization](#)

[Table B - Number of 50 Most Frequent Procedure Groups](#)

Introduction

On a quarterly basis, the Indiana State Department of Health requests licensed ambulatory surgical centers to describe their resources, utilization, and outcome from the surgical procedures. This report summarizes the information for calendar year 1999.

Characteristics of Ambulatory Surgical Centers

As of December 31, 1999, there were 87 ambulatory surgical centers in Indiana, located in 20 of the 92 counties. The majority of these centers have the following characteristics.

CHARACTERISTICS OF CENTERS	STATEWIDE STATISTICS
Number of Surgical Centers	87
Percent in Urban Counties of Indiana	90%
Percent of centers with all physicians focusing on a single specialty	51%
Percent that are MD owned	59%
Percent of for-profit corporations	86%
Average Number of Operating Rooms	2.5

These centers are established, equipped, and operated primarily for the purpose of performing needed medical surgical procedures and services. These centers are an alternative site of surgery, versus surgery performed in hospital-based outpatient operating rooms.

Annual Utilization Statistics

In 1999, physicians, dentists, or podiatrist performed 231,458 procedures on 216,138 patients in 81 centers. Each surgical center performed an average of 219 procedures every 30 days.

It is estimated that this surgical volume represented 26 percent of all outpatient surgeries performed. In 1998, the Indiana Hospital and Health Association determined that physicians in hospital-based outpatient operating rooms performed 592,645 procedures. The remaining five percent of surgeries are performed in offices of independent physician practices.

The ambulatory surgical centers serve three distinct patient populations: the middle aged population seeking assistance with digestive problems, the elderly seeking removal of cataracts, and all other patients seeking general outpatient surgical care.

CHARACTERISTICS OF PATIENT POPULATION	STATEWIDE PERCENT
Percent of Females	58.7%
Percent of Patients aged 1 to 17 years	5.5%
Percent of Patients aged 18 to 64 years	50.2%
Percent of Patients aged 65 years and older	44.3%
Percent of Patients reimbursed under Medicaid	3.9%

The number of operating rooms, total annual procedures, and principal surgical focus by a center is shown in Table A.

In 1999, the majority of these centers focused on performing procedures on the eye and the digestive system. The ten most frequent procedures that are filed in quarterly reports are seen below.

	NAME OF SELECTED PROCEDURES	# OF CNTRS	CPT CODE	NUMBER OF PROCEDURES	AVERAGE PER CENTER
1	Extracapsular cataract removal	37	66984	31,414	849
2	YAG Laser on lens capsule	28	66821	11,605	414
3	Colonoscopy	18	45378	8,885	493
4	Gastrointestinal Endoscopy	15	43239	8,249	549
5	Colonoscopy to Snare Tumor	22	69436	4,946	225
6	Injection to lumbar or epidural	14	62289	4,772	341
7	Colonoscopy to Remove	15	45385	4,700	313

	Tumor				
8	Upper Gastro Endoscopy	13	43235	4,412	339
9	Left Heart Catherization	6	93510	4,013	669
10	Colonoscopy with biopsy	16	45380	3,979	248

1. Procedure codes are abstracted from the AMA Physician Current Procedural Terminology (CPT).
2. The number of the 50 most frequent procedure groups by CPT diagnostic category in the state for all centers is seen on Table B.

Outcome from Surgery

Patients are referred to a surgical center based on recommendations from their surgeon. Most patients arrive with low risk for surgery and have no prior chronic problem that may interfere with the new procedure. Most patients are treated within two or three hours and discharged to family members under the care of their family physician.

A small percent of these patients do expect limited problems after the operation, and are referred to an acute care hospital for treatment of stable or unstable medical conditions. The percent of inpatient transfer is higher with patients with existing cardiac or acute problems seen prior to surgery.

OUTCOMES FROM SURGICAL PROCEDURES	STATEWIDE STATISTICS
Percent of Patients transferred to a hospital with stable medical conditions.	370 of 231,458 cases
Percent of Patients transferred to a hospital with unstable medical conditions	39 of 231,458 cases
Percent of cases with a post-surgical wound infection	148 of 231,458 cases
Number of Patient Deaths	No deaths
Percent of Patients with no other medical problems other than need for surgery	44.8%
Percent of Patients with an other chronic (mild) systemic disease prior to surgery	41.7%
Percent of Patients with an other acute (severe) systemic disease prior to surgery	13.5%

It is recommended that individuals considering outpatient surgery discuss the need with their physician, discuss coverage with their insurance representative, and notify the surgeon

of any prior conditions prior to arrival at the surgical center.

TABLE A
SUMMARY OF KEY RESOURCES AND UTILIZATION, 1999
AMBULATORY SURGERY CENTERS, INDIANA

NAME OF CENTER	COUNTY NAME	# OF OPERATING ROOMS	KEY PROCEDURAL SPECIALIZATION	TOTAL 1999 PROCEDURES
Advanced Surgery	Tippecanoe	2	Eye	1,906
Aesthetic Surgery	Hamilton	2	Plastic	564
Akins Medical	Floyd	2	Allergy	600
Beltway Surgery	Marion	2	General	6,881
Bloomington Surgery	Monroe	2	Eye	3,375
Broadwest Surgery	Lake	5	General	2,065
Calumet Surgery	Lake	5	NA	NA
Centers for Pain Management	Lake	2	NA	NA
Central IN Orthopedic Surgery	Delaware	2	Orthopedrics	2,413
Central Indiana Surgery	Marion	2	Eye	4,836
Columbia MD Outpatient	Marion	2	General	898
Columbus Surgery	Bartholomew	2	General	2,868
Digestive Health Center	Hamilton	2	Digestive	3,624
Dupont Ambulatory	Allen	2	General	2,068
Eastern IN Ambulatory	Wayne	3	General	6,006
Endoscopy Center	Marion	3	Digestive	3,972
Evansville Surgery	Vanderburgh	5	General	6,006
Evansville Deaconess	Vanderburgh	2	General	4,469
Eyecare Consultants	Vanderburgh	2	Eye	799
Foot & Ankle	Marion	2	Podiatry	4,502

Surgery				
FW Cardiology Cath	Allen	1	Cardiology	552
FW Ophthalmic Surgery	Allen	3	Eye	5,603
FW Orthopaedics Surgery	Allen	4	General	4,873
Gastrointestinal Endoscopy	Vanderburgh	2	Digestive	3,351
Grand Park Surgical	Lake	2	NA	NA
Grossnickle Eye Surgery	Kosciusko	2	Eye	5,370
Healthsouth Premier Surgery	Allen	6	General	5,800
Healthsouth Surgery North	Marion	4	NA	NA
Illiana Surgery Medical	Lake	4	General	9,916
IMA Endoscopy Surgical	Lake	1	Digestive	2,359
Indiana Eye Clinic	Johnson	2	Eye	2,406
Indiana Hand Surgery Cnt	Marion	3	Orthopedics	8,794
Indiana Surgery Center North	Marion	7	General	18,126
Indiana Surgery South	Marion	4	General	6,184
Indianapolis Endoscopy Cnt	Marion	2	Digestive	3,952
John Kenyon Surgery	Clark	2	Eye	2,149
Lafayette Amb Surgery	Tippecanoe	2	General	2,139
Laser & Skin Surgery	Hamilton	2	Dermatology	440
Medical Group Surgery	LaPorte	2	General	4,842
Meridian Endoscopy Cnt	Marion	4	Digestive	3,927

Meridian Plastic Surgery	Marion	2	Plastic	2,174
Michiana Endoscopy Cnt	St Joseph	2	Digestive	4,081
Mid America Surgery	Delaware	2	General	182
Midwest Surgery Center	Vigo	2	General	1,517
Muncie Ambulatory	Delaware	2	Eye	3,166
Munster Same Day	Lake	3	General	2,298
Naab Rd Surgery	Marion	6	General	6,274
Nasser Smith Pinkerton	Marion	1	Cardiology	1,891
North Central Health Serv.	Tippecanoe	3	General	572
North Meridian Surgery	Hamilton	3	General	1,035
Northeast IN Endoscopy	Allen	2	Digestive	2,500
Northside Cardiac Cath	Marion	1	Cardiology	1,506
Northside Gastroenterology	Marion	4	Digestive	4,511
Northwest Surgery Center	Marion	4	General	5,773
Novamed Eye New Albany	Floyd	2	Eye	5,568
Novamed Eye Hammond	Lake	2	Eye	2,245
Novamed Eye Merrillville	Lake	2	Eye	1,577
OSMC Outpatient Surgery	Elkhart	3	General	3,448
Outpatient Cath Lab	Vanderburgh	1	Cardiology	355
Outpatient Surgery	Marion	2	Eye	1,529
Outpatient Surgery Indiana	Grant	2	General	1,529

Regional Pain Center	Allen	1	Pain	1,059
Richmond Surgery Center	Wayne	2	General	2,342
Riverview Surgery	Grant	7	General	4,961
Riverpointe Cardiovascular	Elkhart	1	Cardiology	400
Riverpointe Surgery	Elkhart	6	General	4,397
Sagamore Surgical Service	Tippecanoe	2	General	2,650
South Bend Clinic Surgicenter	St Joseph	2	General	1,938
Southern IN Surgery	Monroe	4	General	4,482
Spine Rehab Ambulatory	Marion	2	Pain	1,755
Surg Cnt Pain Southern	Monroe	2	NA	NA
Surgery Cnt Eye Specialty	Marion	2	Eye	4,383
Surgery Opthamology	Allen	2	Eye	1,120
Surgery Southeastern IN	Decatur	2	General	889
Surgery Center Plus	Marion	4	General	367
Surgery Center (Allen)	Allen	2	Digestive	5,031
Surgery One	Allen	4	Orthopedics	6,327
Surgical Care Center	Marion	3	General	2,534
Surgical Center New Albany	Floyd	4	General	1,679
Surgicare	Monroe	2	General	451
Surgicare Outpatient	Vanderburgh	5	General	6,181
TH Heart Center Laser	Vigo	1	Cardiology	1,010
Valley Cataract	Vanderburgh	2	Eye	2,254

Laser				
Welborn Clinic Surgery	Vanderburgh	3	General	3,353
Woodlawn Healthcare	LaPorte	2	General	3,702
Zollman Surgery	Marion	2	General	1,092
Subtotal 87 ASCs	(20)	(219)	-	231,458

TABLE B
NUMBER OF 50 MOST FREQUENT PROCEDURE GROUPS
BY CURRENT TERMINOLOGY DIAGNOSTIC CATEGORY,
AMBULATORY SURGERY CENTERS, INDIANA, 1999

ANATOMICAL SYSTEM	CPT CODE	PROCEDURE DESCRIPTION	# CASES
Skin	17106	Destruction of lesions (48)	415
10040-19499	19120	Excision of cyst or breast tissue (29)	774
	19125	Excision of breast lesion (44)	455
	19325	Mammoplasty with implant (24)	1,010
	Other		4,736
	Subtotal	Of Procedures of Integumentary System	7,390
Muscles	20610	Arthrocentesis of major joint (46)	438
20000-29909	20680	Removal of Implant (34)	624
	26055	Incision in trigger finger (28)	787
	28285	Hammertoe Operation (21)	1,060
	28296	Repair with metatarsal osteotomy (42)	501
	29881	Arthroscopy with meniscectomy (13)	2,820
	29823	Extensive debridement (37)	547
	29877	Shaving of articular cartilage (26)	969
	Other		4,440
	Subtotal	Of Procedures of Musculoskeletal System	12,186
Respiratory	30520	Septoplasty or submucous resection (45)	453
30000-32999	Other		2,342

	Subtotal	Of Procedures of Respiratory System	2,795
Digestive	42820	Tonsillectomy (25)	984
40490-49999	43234	Exam for upper gastrointestinal endo (30)	760
	43235	Upper gastrointestinal endoscopy (8)	4,412
	43239	Upper gastrointestinal with biopsy (4)	8,249
	43248	Endoscopy with insert into esophagus (17)	1,465
	43450	Dilation of Esophagus (23)	1,028
	45330	Sigmoidoscopy diagnostic (18)	1,362
	45378	Colonoscopy, flexible (3)	8,885
	45380	Colonoscopy with biopsy (10)	3,979
	45384	Colonoscopy to remove tumor (14)	2,579
	45385	Colonoscopy to snare/remove tumor (7)	4,700
	49505	Repair of inguinal hernia (36)	604
	Other		3,399
	Subtotal	Of Procedures on Digestive System	42,406
Genital	55700	Prostate Biopsy (40)	537
54000-58999	56301	Laparscopy of Oviducts (35)	604
	56340	Hysteroscopy (37)	582
	56351	Hysteroscopy (20)	1,162
	Other		1,564
	Subtotal	Of Genital System	4,449
Nervous	62278	Epidural Injection (15)	2,346
61000-64999	62284	Injection for myelography (27)	808
	62289	Lumbar Injection to spinal cord (6)	4,772
	62298	Injection of a substance (49)	414
	63030	Laminotomy of one interspace lumbar (50)	409
	64442	Injection to paravertebral nerve (16)	1,634
	64443	Injection of paravertebral nerve (19)	1,205

	64721	Neuroplasty to carpal tunnel (11)	3,430
	Other		2,056
	Subtotal	Of Procedures on Nervous System	17,074
Eye	65760	Keratomileusis (32)	658
65091-68899	65771	Radial keratotomy (41)	535
	65901	Removal of epithelial in anterior eye (47)	436
	66761	Iridotomy (33)	635
	66821	YAG Laser on lens capsule (2)	11,605
	66984	Extracapsular cataract extraction (1)	31,414
	66999	Cataract removal unlisted (12)	3,233
	67210	Photocoagulation localized lesion (22)	1,034
	67228	Photocoag of progressive retinopathy (43)	492
	Other		2,810
	Subtotal	Of Procedures on Eye and Ocular System	52,852
Auditory	69436	Tympanostomy (5)	4,946
69000-69990	69979	Unlisted Auditory Procedures (38)	572
	Other		255
	Subtotal	Of Procedures on Auditory System	5,773
Catherization	93510	Left Heart Catheterization (9)	4,013
93501-93572	93526	Combined Right Heart Catheterization (31)	760
	Other		24
	Subtotal	Of Cardiac Catheterization Procedures	4,797
All Other Procedures			81,736
TOTAL OF ALL REPORTED PROCEDURES			231,458